

Trade Essentials® Triboard™ Lite

Trade Essentials® Triboard™ is a unique, moisture resistant, three-layered wood panel product consisting of a Strandboard core with fibreboard skins, produced in a single manufacturing process. The Triboard Lite version features a lower density Strandboard core in a range of thicker panels, producing a board that is light in weight, easy to handle, whilst providing the strength, durability and impact resistance required. Made using sustainable FSC® Mix wood resources, Triboard Lite is also an environmentally preferred choice.



APPLICATIONS

Triboard™ Lite is recommended for interior applications where thicker panels are required. It is suitable for applications such as commercial furniture, workstations, tabletops and benchtops where thicker looks are required with less weight. Also suitable for tables and benchtops in caravans and transportable applications where minimising of weight is critical.

Note: Triboard Lite is not recommended for exterior use.

PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.1)

Property	Unit	THICKNESS		
		33mm	38mm	50mm
Board Density	kg/m ³	530	530	530
Internal Bond	MPa	0.20	0.20	0.20
Modulus of Rupture	MPa	13.0	13.0	13.0
Modulus of Elasticity	MPa	2300	2300	2300
Surface Soundness	MPa	0.65	0.65	0.65
Screwholding – Face	N	500	500	500
Screwholding – Edge	N	750	750	750
24 Hour Thickness Swell	%	< 5.0	< 5.0	< 5.0
Wet Bending Strength (Method A)	MPa	3.6	3.6	3.6
Formaldehyde Level	mg/L	< 0.30	< 0.30	< 0.30
Weight	kg/m ²	17.5	20.1	26.5

SHEET SIZE

Triboard Lite is available in a sheet size of 3660 x 1220mm.

FIRE HAZARD INDICES

(Typically achieved when tested to AS/NZS 1530.3)

Indices	Range	Result
Ignitability	0 to 20	13
Spread of Flame	0 to 10	8
Heat Evolved	0 to 10	6
Smoke Developed	0 to 10	4

VOC TEST RESULTS

(Typically achieved when tested to ASTM D 5116)

	Unit	Result
TVOC Emission	mg/m ² /hr	0.171

FIRE TEST RESULTS

Cone Calorimeter (Results when tested in accordance with AS/NZS 3837)

Classification	Result
Group Number	3
Average Specific Extinction Area	20.3kg/m ²

THIRD PARTY CERTIFICATION

Forest Stewardship Council® (FSC®) is an independent body established to promote the responsible management of the world's forests. Its trademark provides international recognition to organisations and their products that support responsible forest management. FSC Chain of Custody (CoC) certification is a stringent traceability system developed by FSC to ensure wood fibre is legally sourced and traded and can be traced through all points of the manufacturing process through to distribution. Trade Essentials Strandboard is FSC CoC certified and can accrue timber credits in the GBCA Green Star® Rating Tool.



General Site Work Notes

Appendix 1. Handling & Product Application Guidelines
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Board Product: Site Work Notes

Appendix 3. Handling & Product Application
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Sheet Size & Thickness Availability

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Greenfirst Products

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